

INDEX OF VOLUME VII.

- Adalia annectans, 213, 228, 229.
coloradensis, 213, 228.
flavomaculata, 84.
humeralis, 213, 228, 229.
melanopleura, 213, 228.
 Adelocephala, 279, 282.
bicolor, 283.
bisepta, 283, 284.
 Alexander, Chas. P. Article by, 239.
 Anastatus bifasciatus, 86.
 Anastrepha ludens, 202.
 Anatomy of *Siphona Plusiae*, 301.
 Anatomy of the Diaspine Scale Insect
 Epidiaspis Piricola (Del Guer), 47.
 Anisota, 279, 286.
consularis, 286, 291.
senatoria, 286, 289.
skinneri, 286, 290.
stigma, 286, 287.
virginiensis, 286, 287.
 Antochini, 240.
 Anthomyia, 162, 164, 166, 167.
 pluvialis, 162.
 Anthomyiden, 160.
 Anthomyioid Flies, Connectant Forms
 Between the Muscoid and, 160.
 Apanteles, 87.
 lacteicolor, 87.
 Aphidius testaceipes, 83, 84.
 Aphidoletes marina, 216.
 Aphis
 atriplicis, 217.
 brassicae, 217, 236.
 carbocolor, 216, 236.
 cerasifolii, 217, 236.
 cornifolii, 218.
 gossypii, 216, 224, 236.
 heraclei, 218, 231, 233.
 helianthi, 215, 216, 221, 224, 231, 236.
 medicaginis, 127, 236.
 oenotherae, 217, 236.
 oxybaphi, 216, 236.
 pomi, 217, 224.
 setariae, 215, 223, 224, 231, 233, 236.
 taraxici, 236.
 torticauda, 215, 216, 223, 236.
 Apomecyna pertigera, 183.
 Aptera, 316.
 Araneus beebei, 170, 172.
 microtuberculatus, 170, 172.
 Aspilium sacculi, 65.
 Aspidiotus perniciosus, 54, 55, 249.
 piricola, 55.
 Atlanta Meeting, Proceedings of, 97.
 Attulus, 170.
 Auchmeromyia, 162.
 Automeris, 293.
 incarnata, 297, 298, 300.
 io, 297, 298, 299.
 leucaca, 297, 298, 299.
 pamina, 297, 298.
 Ballus tabupumensis, 170, 174.
 Basilona, 279, 281.
 imperialis, 281.
 Baumberger, J. P., Article by, 323.
 Bee Genus *Coelioxys*, Some Species of
 the, 148.
 Beebe, Wm. C., Spiders collected by,
 169.
 Bellura melanopyga, 140.
 Biology of the Net-Spinning Tri-
 choptera of Cascadilla Creek, 251.
 Bloeser, Wm., article by, 301.
 Bomis, 170.
 Bryobia pratensis, 73.
 Byrsocrypta vagabunda, 67.
 Calliphora, 160, 167.
 erythrocephala, 162.
 Calliphorinae, 166.
 Calosoma sycophanta, 88.
 Campodea, 316.
 Carex, 218.
 Castalia odorata, 136.
 Caterpillars, Structural Study of
 the, 109.
 Cell Structure of the Digestive Epithe-
 lium in Insects, 311.
 Ceratitis, 202.
 Ceratocampidae, Classification of the
 Pupae of the, 277.
 Chalcid Larvae, Note on the Number
 of Spiracles in Mature, 249.
 Cheiloneurus amplicornis, 248.
 Childs, Leroy, article by, 47.
 Chaitophorus negundinis, 215, 217, 221,
 223, 231, 232, 236.
 populincola, 217, 218, 223, 224, 231, 236.
 populifolii, 215, 217, 231, 236.
 Cheiloneurus, A New Species of, 247.
 Chilomenes-limatus, 84.
 Chimarra, 259.
 aterrima, 259, 267.
 Choeromyia, 162.
 Citheronia, 279, 280.
 regalis, 280.
 sepulchralis, 280.
 Classification of the Pupae of the
 Ceratocampidae and Hemileucidae,
 277.
 Clinopera, 164.
 Clubiona tabupumensis, 169, 171.

- Cobanus Beebei, 170, 173.
 Coccidae, 315.
 Coccinella
 5-notate, 213, 219, 222, 224, 227, 234,
 235.
 9-notata, 213, 224, 226, 234, 235.
 monticola, 213, 222, 224, 225, 227,
 234, 235.
 sanguinea, 213, 232.
 Coccinellid, 217.
 Coelioxys, 148, 166.
 alternata, 150, 152.
 altilis, 154.
 asteris, 156.
 banksii, 155.
 comstockii, 148.
 coquillettii, 157.
 edita, 153.
 hunteri, 151, 152.
 insita, 158.
 lucrosa, 148.
 moesta, 148.
 obtusiventris, 150.
 octodentata, 154.
 piercei, 152.
 pratti, 159.
 rhois, 159.
 rufitarsis, 148.
 rufitarsis varrobois, 159.
 sayi, 154.
 sculptifrons, 153.
 slossoni, 156.
 slossoni arenicola, 156.
 texana, 151, 152.
 Coenosia, 161, 166.
 irrorata, 244.
 Connectant Forms Between the Mus-
 coid and Anthomyioid Flies, 160.
 Collembola, 315, 316.
 Compsilura concinnata, 86.
 Conwentzia Hageni, Banks, 73.
 Cordyluridae, 135.
 Cossidae, 119.
 Cossus, 121.
 Crane-flies, On a Collection of, 239.
 Crawford, J. C., article by, 148.
 Cyclonedaa
 rubripennis, 232.
 sanguinea, 232, 234.
 Cyrus, 262.
 flavidus, 263.
 pallidus, 263.
 Dacus
 cucurbitae, 177.
 oleae, 202.
 tryoni, 202.
 Decatomia flava, 9.
 Deilephila, 122.
 Deilephila lineata, 119.
 Dendroctonus, 315, 318.
 Diaspinine Scale Insect, Anatomy of
 the, 47.
 Dibrachys boucheanus, 249.
 Dicranomyia illingworthi, 239.
 saltens, 239.
 Digestion of Insects, 311.
 Diploena tristis, 169, 171.
 Diptera, 318.
 Dispersal of *Musca Domestica* Linne, 70.
 Drassodes Drydeni, 169, 170.
 ignobilis, 169, 171.
 Drymeia, 161.
 Dryocampa rubicunda, 279, 284, 285.
 Dryophanta Erinacei and Its Gall, A
 Study of, 1.
 Enoplognatha marmorata, 169.
 Epidiaspis Piricola, Anatomy of the
 Diaspinine Scale Insect, 47.
 Epithelium, Digestive, in Insects, 311.
 Epochara canadensis, 203.
 Erigone longipalpus, 169.
 Eriococcus, 248.
 Erioptera oceanica, 243.
 Eriopterini, 241.
 Eumusca, 166.
 European Collection, Notes on Some
 Old, 89.
 Eurytoma auriceps, 9.
 studiosa, 9.
 Evophris albopatella, 170, 173.
 Exochomus nigro-fasciatus, 84.
 Fernald, H. T., article by, 89.
 Fannia, 161, 162, 166.
 Forbes, Wm. T. M., article by, 109.
 Fundatrigena ramulorum, 63.
 Gahan, A. B., article by, 247.
 Gasteracantha arcuata, 170.
 frontata, 170.
 Gillette, C. P., article by, 61.
 Glossina, 161, 164.
 Gonomyia fijiensis, 241.
 varipes, 242.
 Graphomyia, 166.
 Haematobia, 162.
 Haplopelma doriae, 169.
 Hemileuca, 292, 293.
 burnsi, 293, 294.
 maia, 293, 294.
 maia var. lucina, 294.
 oliviae, 293, 295.
 Hemileucidae, Classification of the
 Pupae of the, 277.
 Hemiptera, 317.
 Hermetia illucens, 70, 71.
 Hippodamia convergens, 213, 217, 219,
 220, 221, 222, 224, 235, 236.
 sinuata, 213, 217, 218, 219, 234.
 parenthesis, 213, 218, 234.
 Holocentropus, 262.
 dubius, 262.

- Houser, J. S., article by, 73.
 Howard, Dr. L. O., article by, 86.
Hyalopterus arundinis, 217, 236.
Hydromyza Confluens, Life History and Habits of, 135.
Hydropsyche instabilis, 255.
Hydropsychidae, 252.
Hypodermodes, 162.
Hypodermodes, 166.
 Insects, Longevity of, 323.
 Inquiline Life in the Gall of *Dryophanta erinacei*, 7, 11.
 Isopods, 316.
Lachnus, 217, 236.
 Ladybeetles, Some Notes on Life History of, 213.
Lasiocampa americana, 120.
 disstria, 120.
Lasiocampidae, 119, 120.
Lecaniums, 315.
Lepisma, 316.
Leucauge tessellata, 170.
Leucomelina, 162, 163, 164, 165, 166.
 squamopleura, 163.
Libnotes strigivena, 240.
 Life History and Habits of *Hydromyza Confluens*, 135.
 Life History of *Dryophanta Erinacei*, 2.
 Life History of Ladybeetles, Some Notes on, 213.
 Life History, Notes and Variations in Wing Venation of *Conwentzia Hageni Banks*, 73.
 Life History of *Siphona Plusiae*, 301.
Limnerium disparidis, 87.
Limnobinae, 239.
Limnobini, 239.
Limnophora, 162, 163, 165, 166.
Linypnia, 169.
 Longevity of Insects, 323.
 McGregor, E. A., article by, 354.
Macrosiphum ambrosiae, 216, 217, 223, 228, 236.
 cerasi, 215.
 cynosbati, 217, 236.
 gaurae, 215, 221, 232, 236.
 pisi, 217, 236.
 rosae, 215, 217, 221.
 rudbeckiae, 215, 216, 217, 218, 224, 236.
Malacosoma americana, 119.
 disstria, 119.
Melanoxantherium amithiae, 236.
 bicolor, 236.
Melanoxantherium bicolor, 217.
 fraxinifolii, 217, 221.
 smithiae, 233.
 Melon Fly, The Ravages, Life History, Weights of Stages, Natural Enemies and Methods of Control of the, 177.
Mesembrina, 160.
Mongoma fijiensis, 243.
Monodontomerus aereus, 88.
 Moore, William, article by, 77.
Mordwilkoja oestlundi, 67.
 vagabunda, 67.
Morellia, 162.
 Mosher, Edna, article by, 277.
Musca Domestica Linne, Dispersal of, 70.
Musciden, 160.
Muscina, 160, 162, 163, 166.
 Muscoid and Anthomyioid Flies, Connectant Forms Between the, 160.
Myospila, 166.
Myrmecophila, 317.
Myzus cerasi, 217, 224, 236.
 persicae, 231.
Néphila clavata, 170.
 maculata, 170.
 Net-Spinning Trichoptera of Cascadilla Creek, Biology of, 251.
 Newcomer, E. J., article by, 311.
Noctuidae, 120.
Notodontidae, 119.
 Natural Control of Toxoptera Graminum in South Africa and the United States, 77.
Nephelodes, 119.
Neureclipsis, 260.
 bimaculata, 260.
 Noyes, Alice Ayr, article by, 251.
Nymphaea, 135.
 advena, 135, 146.
 advena variegata, 136.
 americana, 135, 136, 140, 143, 144, 146, 147.
 Observations on the Life History and Habits of *Hydromyza Confluens Loew.* (Diptera), 135.
Odonata, 316.
 Officers, 1914, Entomological Society of America, 95.
Olla abdominalis, 213, 232, 234.
Othellia, 162.
Orthellia, 166.
Oxyopes, 170.
 Palmer, Miriam A., article by, 213.
Palystes, 169.
Panatala flavescens, 197.
Paralimna, 165.
Paralucilia macellaria, 70.
Pararicia, 164.
 Parasites, Report on, 86.
 Parasitic Life in the Gall of *Dryophanta erinacei*, 7, 11.
 Pemphiginae Attacking Species of *Populus* in Colorado, Some, 61.
Pemphigus californicus, 61.
 oestlundi, 67.
populinoduplifolius, 61, 63.
ranunculi, 61.
vagabundus, 67.

- Petrunkewitch, Alexander, article by, 169.
Phaeocyma, 119, 121.
Philodromus tabupumensis, 170, 173.
Philopotamidae, 259.
Philopteramus ludificatus, 259.
 montanus, 259.
Pholcus phalangioides, 169.
Phorodon humuli, 217, 236.
Phryganidia californica, 301.
Plagiolepsis dustodiens, 78.
Plectrocnemia, 261.
 conspersa, 261.
Polycentropus flavomaculatus, 262, 264.
Polycentropidae, 250.
Populus in Colorado, Some *Pemphiginae*
 Attacking Species of, 61.
Populus balsamifera, 61, 62.
 occidentalis, 63.
 tremuloides, 65.
 trichocarpa, 61.
Porrhopis, 170.
 Proceedings of the Atlanta Meeting, 97.
Prociphilus fraxinifolii, 215, 221, 231,
 236.
Prospaltella perniciosi, 249.
Pseudohazis, 292, 296.
 eglanterina, 296.
Pteromalus egregius, 88.
 Pupae of the Ceratocampidae and
 Hemileucidae, 277.
Pygaera bucephala, 119, 122.
Pyrellia, 166.
Ranunculus californicus, 61.
 Ravages, Life History, Weights of
 Stages, Natural Enemies and
 Methods of Control of the Melon
 Fly (*Dacus Cucurbitae* Coq.), 177.
 Report on Parasites, 86.
 Resolutions on Death of P. R. Uhler, 96.
Rhagoletis cingulata, 203.
 fausta, 203.
 pomonella, 203.
Rhopholosiphum braggi, 219.
 pastinaceae, 219, 231, 233.
Rhyacophylax, 252.
Samia cecropia, 297.
Saturniidae, 278.
Saturnioidea, 277.
Schedius kuvanae, 86.
Schizomerura lanigera, 215, 236.
 Severin, Henry H. P., article by, 177.
Siphona Plusiae, Notes on the Life
 History and Anatomy of, 301.
 Somatic Muscles, Caterpillars, 109.
 Some Old European Collections, Notes
 on, 89.
 Some Species of the Bee Genus
Coelioxys, 148.
Spalangia hirta, 197.
 Species of the Bee Genus *Coelioxys*.
 Some, 148.
Sphecidae, 92.
Sphecodina abbotii, 119.
Sphe fumipennis, 91.
 pensylvanicus, 91.
Sphingidae, 119.
 Spiders Collected by Mr. C. William
 Beebe in Burma and Borneo, 169.
Spilogaster, 163, 166.
Spirogyra, 262.
 Stimulus to Gall Production, 12.
Stomoxys, 160, 162, 163, 164, 166.
 Structural Study of the Caterpillars, 109.
Synergus erinacei, 10.
Synthesiomyia, 162, 163, 166.
Tachiniden, 160.
Tenuipalpus bioculatus, 254.
 Tetranychids, Four new, 354.
Tetranychus banksi, 557.
 mytilaspidis, 73.
 quinquenychus, 358.
 yothersi, 355.
Teucholabis fijiensis, 240.
Thecabius patchii *populiconduplicifolius*,
 61.
Theridion sarapus, 169.
Theridiosoma, 170.
Thiania, 170.
Tipulidae, 239.
 Toxoptera Graminum in South Africa,
 Comparison of Natural Control
 of, 77.
 Tower, D. G., article by, 249.
 Townsend, Chas. H. T., article by, 160.
 Treasurer's Report, 101.
 Trichoptera of Cascadilla Creek, Bio-
 logy of the Net-Spinning, 251.
 Triggerson, C. J., article by, 1.
Tropaea luna, 297.
 Uhler, P. R., Resolutions on Death
 of, 96.
Volucella obesa, 70.
 Welch, Paul S., article by, 135.
Xanthogramma scutellare, 84.
Zelus peregrinus Kirkaldy, 197.
 Zetek, James, article by, 70.